

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	942	("607"/\$.ccls.) and ((suspend\$4 or ceas\$4 or stop\$4 or terminat\$4) adj2 (pacing or therapy or delivery))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/23 17:53
L2	648	("607"/\$.ccls.) and ((suspend\$4 or ceas\$4 or stop\$4 or terminat\$4) adj (pacing or therapy or delivery))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/23 17:33
L3	1551	(607/9.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/23 17:42
L4	64	(607/24.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/23 17:42
L5	570	(607/27.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/23 17:42
L6	383	(607/28.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/23 17:42
L7	67	(607/15.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/23 17:42
L8	229	(L3 or L4 or L5 or L6 or L7) and 1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/23 17:46
L9	354	("607"/\$.ccls.) and ((suspend\$4 or ceas\$4 or stop\$4 or terminat\$4) adj2 (sens\$4 or assess\$4 or monitor\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/23 17:47

## EAST Search History

L10	160	(L3 or L4 or L5 or L6 or L7) and 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/23 17:48
L11	4462	("607"/\$.ccls.) and ((suspend\$4 or ceas\$4 or stop\$4 or terminat\$4) same (sens\$4 or assess\$4 or monitor\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/23 17:53
L12	693	1 and 11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/23 17:47
L13	189	(L3 or L4 or L5 or L6 or L7) and 12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/23 17:48
L14	27	("4553547"   "4680708"   "4705043"   "4708142"   "4719921").PN. OR ("4870974").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/23 17:49
L15	1	1 and 14	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/23 17:51
L16	83	("4349030"   "4554922"   "4821723"   "5018522"   "5087243"   "5181511"   "5243978"   "5312441"   "5366485"   "5433729"   "5456690"   "5509925"   "5535752"   "5564434"   "5578062"). PN. OR ("5800464").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/23 17:51
L17	10	1 and 16	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/23 17:51
L18	954	("607"/\$.ccls.) and ((suspend\$4 or ceas\$4 or stop\$4 or terminat\$4 or halt\$4) adj2 (pacing or therapy or delivery))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/23 17:55
L19	2480	("607"/\$.ccls.) and ((suspend\$4 or ceas\$4 or stop\$4 or terminat\$4 or halt\$4) with (sens\$4 or assess\$4 or monitor\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/23 17:54
L20	458	18 and 19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/23 17:54

## EAST Search History

L21	4147	("607"/\$.ccls.) and ((resum\$4 or begin\$5 or initiate or "re-initiate" or continu\$4) with (pacing or therapy or delivery))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/23 17:55
L22	4789	("607"/\$.ccls.) and ((resum\$4 or begin\$5 or initiate or "re-initiate" or continu\$4) with (pacing or therapy or deliver\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/23 17:56
L23	1021	("607"/\$.ccls.) and ((suspend\$4 or ceas\$4 or stop\$4 or terminat\$4 or halt\$4) adj2 (pacing or therapy or deliver\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/23 17:55
L24	399	19 and 22 and 23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/23 17:56

## EAST Search History

S1	329	("20020058877" "20020107552" "20020107553" "20020123768" "20020123769" "20020143369" "20020161410" "20020165586" "20030003052" "20030004549" "20030045909" "20030060857" "20030069609" "20030078623" "20030100924" "20030105493" "20030114889" "20030135126" "20030149450" "20030212440" "20040093035" "20040102908" "20040116820" "20040133247" "20040158295" "20040230241" "2004114627" "20041777960" "20041931" "200414872459" "200414880005" "200414945909" "200415014698" "200415063927" "200415111815" "200415183040" "200415190035" "200415197467" "200415199428" "200415201808" "200415203326" "200415222493" "200415243980" "200415269301" "200415271395" "200415273034" "200415291400" "200415300093" "200415303702" "200415318592" "200415318597" "200415324310" "200415330507" "200415331966" "200415341811" "200415356425" "200415360436" "200415391190" "200415411531" "200415423870" "200415431687" "200415431693" "200415437285" "200415441524" "200415443485" "200415466245" "200415480412" "200415507784" "200415507785" "200415522854" "200415531772" "200415560370" "200415562711" "200415562712" "200415571144" "200415578061" "200415601615" "200415603331" "200415626622" "200415626624" "200415645570" "200415658318" "200415682901" "200415685316" "200415690681" "200415700282" "200415700283" "200415718720" "200415722997" "200415749900" "200415755671" "200415766225" "200415782884" "200415792194" "200415817135" "200415817136" "200415824020" "200415824029" "200415842997" "200415843136" "200415861012" "200415873898" "200415891044" "200415893882" "200415916239" "200415921940" "200415935081" "200415941831" "200415978707" "200415978710" "200415987356" "200416006134" "200416021351" "200416022322" "200416026320" "200416035233" "200416042548" "200416044294" "200416058331" "200416073048" "200416076015" "200416128535" "200416134470" "200416135970" "200416144878" "200416151524" "200416161042" "200416178349" "200416181966" "200416216032" "200416224553" "200416240314" "200416246909" "200416269263" "200416272377" "200416273856" "200416292695" "200416301499" "200416317632" "200416358201" "200416370424" "200416371922" "200416390986" "200416400982" "200416421557" "200416438421" "200416449507" "200416453201" "200416459929" "200416463326" "200416470210" "200416473644" "200416480733" "200416480742" "200416487450" "200416493585" "200416511500" "200416522914" "200416522926" "200416529772" "200416532388" "200416542774" "200416564096" "200416571121" "200416571122" "200416611713" "200416622041" "200416628987" "200416647289" "200416690971" "200416824538" "200416850801" "200416856829").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 14:42
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## EAST Search History

S2	1	"436876".apn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 10:41
S3	4	((("20040133147") or ("20040158295")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/17 10:42
S4	2	"850341".apn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 10:41
S5	1	"695430".apn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 10:43
S6	1	"669168".apn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 10:43
S7	312	"multi-site" with pacing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 21:27
S8	854	("bi-ventricular" or "biventricular") with (pacing or resynchronization)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 21:54
S9	692	cardiac with resynchronization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 10:49
S10	368	ventricular with resynchronization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 10:49
S11	237	atrial with resynchronization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 10:56

## EAST Search History

S12	10	("stress-reduction" or "stress reduction") with pacing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 10:53
S13	6	"cardiac function therapy"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 10:52
S14	45	("20020082663" "20040082973" "5016630" "5190035" "5237992" "5282838" "5284491" "5374281" "5690689" "5702424" "5782886" "5861011" "5891175" "5968081" "5991659" "6070101" "6141586" "6161042" "6246909" "6459928" "6708061" "6904317").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 11:14
S15	108	("0002002" "0002003" "20020026222" "20020120304" "20030023279" "20030060857" "20030105493" "20040049235" "4791931" "5111815" "5190035" "5199428" "5203326" "5243980" "5275826" "5318592" "5330507" "5356425" "5411531" "5437285" "5507784" "5522854" "5578061" "5658318" "5690681" "5700282" "5707400" "5902324" "5916239" "6006134" "6058331" "6073048" "6134470" "6161042" "6178349" "6181966" "6240314" "6272377" "6285907" "6292695" "6371922" "6400982" "6411845" "6421557" "6449507" "6473644" "6487450" "6493585" "6511500" "6522926" "6532388" "6542774" "6564096" "6611713" "6622041" "6628987").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 10:52
S16	655	(S7 or S8 or S9 or S10 or S11) and "cardiac output"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 16:57
S17	249	(S7 or S8 or S9 or S10 or S11) and ((measure or sense or sensor or senses or sensing or measures or measuring or determine or determines or determining or derive or derives or deriving) with "cardiac output")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 11:21
S18	45	pacing with ("demand based" or "demand-based")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 19:24

## EAST Search History

S19	45	(pacing or resynchronization) with ("demand based" or "demand-based")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 11:05
S20	1072	(pacing or resynchronization) with ("rate-responsive" or "rate responsive")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 11:05
S21	6	(resynchronization) with ("rate-responsive" or "rate responsive")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 11:05
S22	197	(S7 or S8 or S9 or S10 or S11) and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 11:23
S23	1	(S9 or S10 or S11) and ("demand based" or "demand-based")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 11:14
S24	1	S12 and ("demand based" or "demand-based")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 11:14
S25	15	("20040082973" "5702424" "5968081" "6070101" "6141586" "6708061" "6904317").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 11:17
S26	8	("20020082663" "5282838" "5690689" "6459928").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 11:20
S27	1337	(607/9.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/23 17:04
S28	56	(607/24.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 11:20

## EAST Search History

S29	511	(607/27.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 16:57
S30	321	(607/28.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 11:20
S31	57	(607/15.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 11:20
S32	266	(S27 or S28 or S29 or S30 or S31) and ((measure or sense or sensor or senses or sensing or measures or measuring or determine or determines or determining or derive or derives or deriving) with "cardiac output")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/23 17:42
S33	286	(S27 or S28 or S29 or S30 or S31) and ((measure or sense or sensor or senses or sensing or measures or measuring or determine or determines or determining or derive or derives or deriving or assess or assessment or assessing or assesses) with ("cardiac output" or "autonomic balance" or "heart rate variability" or "heart-rate variability"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 11:26
S34	108	(S7 or S8 or S9 or S10 or S11) and S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 11:25
S35	226	kenknight.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 11:26
S36	14896	zhu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 11:26



## EAST Search History

S37	30	(S35 or S36) and ((measure or sense or sensor or senses or sensing or measures or measuring or determine or determines or determining or derive or derives or deriving or assess or assessment or assessing or assesses) with ("cardiac output" or "autonomic balance" or "heart rate variability" or "heart-rate variability"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 12:47
S38	2	("5282838").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/17 12:08
S39	329	(S7 or S8 or S9 or S10 or S11) and "synchronous"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 12:47
S40	732	(pacing or resynchronization) with "synchronous"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 12:47
S41	247	(resynchronization) with "synchronous"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 12:47
S42	7	S41 and ((measure or sense or sensor or senses or sensing or measures or measuring or determine or determines or determining or derive or derives or deriving or assess or assessment or assessing or assesses) with ("cardiac output" or "autonomic balance" or "heart rate variability" or "heart-rate variability"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 14:09
S43	61793	((measure or sense or sensor or senses or sensing or measures or measuring or determine or determines or determining or derive or derives or deriving or assess or assessment or assessing or assesses) with ("cardiac output" or "autonomic balance" or "heart rate variability" or "heart-rate variability" or "impedance"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 14:10

## EAST Search History

S44	67098	(stop or halt or stopping or halting or pause or pausing or suspend or suspends or suspended or suspending or paused or halted or stopped) with (resynchronization or therapy or stimuli or stimulus or pace or pacing or pulse or pulsing or stimulation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 15:33
S45	1593	S43 and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 14:49
S46	312	"multi-site" with pacing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 14:12
S47	854	("bi-ventricular" or "biventricular") with (pacing or resynchronization)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 14:12
S48	692	cardiac with resynchronization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 14:46
S49	368	ventricular with resynchronization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 14:12
S50	237	atrial with resynchronization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 14:12
S51	65	(S46 or S47 or S48 or S49 or S50) and S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 15:11
S52	235	(S46 or S47 or S48 or S49 or S50) and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 14:31

## EAST Search History

S53	53	(607/16).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/17 14:31
S54	17	("4562841"   "4928688"   "5085656"   "5487752"   "5540727"   "5697884"   "5792193"   "5807234"   "6048328"   "6070101"   "6122545"   "6148234"   "6223079"   "6223082"   "6256536"   "6292693"   "6363280").PN. OR ("6842642").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/17 14:34

## EAST Search History

S55	329	("20020058877" "20020107552" "20020107553" "20020123768" "20020123769" "20020143369" "20020161410" "20020165586" "20030003052" "20030004549" "20030045909" "20030060857" "20030069609" "20030078623" "20030100924" "20030105493" "20030114889" "20030135126" "20030149450" "20030212440" "20040093035" "20040102908" "20040116820" "20040133247" "20040158295" "20040230241" "4114627" "4777960" "4791931" "4872459" "4880005" "4945909" "5014698" "5063927" "5111815" "5183040" "5190035" "5197467" "5199428" "5201808" "5203326" "5222493" "5243980" "5269301" "5271395" "5273034" "5291400" "5300093" "5303702" "5318592" "5318597" "5324310" "5330507" "5331966" "5341811" "5356425" "5360436" "5391190" "5411531" "5423870" "5431687" "5431693" "5437285" "5441524" "5443485" "5466245" "5480412" "5507784" "5507785" "5522854" "5531772" "5560370" "5562711" "5562712" "5571144" "5578061" "5601615" "5603331" "5626622" "5626624" "5645570" "5658318" "5682901" "5685316" "5690681" "5700282" "5700283" "5718720" "5722997" "5749900" "5755671" "5766225" "5782884" "5792194" "5817135" "5817136" "5824020" "5824029" "5842997" "5843136" "5861012" "5873898" "5891044" "5893882" "5916239" "5921940" "5935081" "5941831" "5978707" "5978710" "5987356" "6006134" "6021351" "6022322" "6026320" "6035233" "6042548" "6044294" "6058331" "6073048" "6076015" "6128535" "6134470" "6135970" "6144878" "6151524" "6161042" "6178349" "6181966" "6216032" "6224553" "6240314" "6246909" "6269263" "6272377" "6273856" "6292695" "6301499" "6317632" "6358201" "6370424" "6371922" "6390986" "6400982" "6421557" "6438421" "6449507" "6453201" "6459929" "6463326" "6470210" "6473644" "6480733" "6480742" "6487450" "6493585" "6511500" "6522914" "6522926" "6529772" "6532388" "6542774" "6564096" "6571121" "6571122" "6611713" "6622041" "6628987" "6647289" "6690971" "6824538" "6850801" "6856829").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 14:42
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## EAST Search History

S56	28	S55 and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 14:46
S57	139	S55 and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 14:46
S58	18	demand with resynchronization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 14:47
S59	7667	(resume or "re-initiate" or reinitiate or restart or "re-start" or resumes or resumed or resuming or rebegin or "re-begin") with (resynchronization or therapy or stimuli or stimulus or pace or pacing or pulse or pulsing or stimulation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 15:15
S60	376	S43 and S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 14:49
S61	45	(S46 or S47 or S48 or S49 or S50) and S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 15:03
S62	6	((("20030093002") or ("20040019289") or ("6678547")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/17 15:04
S63	424	(607/17).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/17 15:05
S64	312	"multi-site" with pacing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 20:15

## EAST Search History

S65	854	("bi-ventricular" or "biventricular") with (pacing or resynchronization)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 15:11
S66	692	cardiac with resynchronization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 15:11
S67	368	ventricular with resynchronization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 15:11
S68	237	atrial with resynchronization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 15:33
S69	424	(607/17).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/17 15:11
S70	122	(S64 or S65 or S66 or S67 or S68) and S69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 18:43
S71	7667	(resume or "re-initiate" or reinitiate or restart or "re-start" or resumes or resumed or resuming or rebegin or "re-begin") with (resynchronization or therapy or stimuli or stimulus or pace or pacing or pulse or pulsing or stimulation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 15:15
S72	913	S71 and ("607"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 21:50
S73	179	(S64 or S65 or S66 or S67 or S68) and S71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 20:07

## EAST Search History

S74	61793	((measure or sense or sensor or senses or sensing or measures or measuring or determine or determines or determining or derive or derives or deriving or assess or assessment or assessing or assesses) with ("cardiac output" or "autonomic balance" or "heart rate variability" or "heart-rate variability" or "impedance"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 15:20
S75	376	S71 and S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 15:21
S76	197	S75 and ("607"/\$.ccis.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 16:35
S77	67098	(stop or halt or stopping or halting or pause or pausing or suspend or suspends or suspended or suspending or paused or halted or stopped) with (resynchronization or therapy or stimuli or stimulus or pace or pacing or pulse or pulsing or stimulation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 15:52
S78	2907	S77 and S71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 15:33
S79	129	S78 and resynchronization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 16:31
S80	158	S78 and S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 15:39
S81	10	S80 and resynchronization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 15:51
S82	2	"750631".apn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 15:51

## EAST Search History

S83	72964	(stop or halt or stopping or halting or pause or pausing or suspend or suspends or suspended or suspending or paused or halted or stopped or withholding or withhold or cease or ceasing) with (resynchronization or therapy or stimuli or stimulus or pace or pacing or pulse or pulsing or stimulation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 19:28
S84	1	(stop or halt or stopping or halting or pause or pausing or suspend or suspends or suspended or suspending or paused or halted or stopped or withholding or withhold or cease or ceasing) with temp8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 16:30
S85	56500	(temporary or temporarily) with (stop or halt or stopping or halting or pause or pausing or suspend or suspends or suspended or suspending or paused or halted or stopped or withholding or withhold or cease or ceasing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 16:31
S86	3074	S83 and S85	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 17:05
S87	60	S86 and resynchronization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 16:43
S88	152	S86 and ("607"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 16:55
S89	38	S88 and S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 16:37
S90	9	S86 and S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 16:45
S91	17	S86 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 16:45



## EAST Search History

S92	1337	(607/9.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 16:48
S93	368	S92 and S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 16:53
S94	707	S86 and terminated	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 16:53
S95	12	S92 and S94	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 16:53
S96	52	S94 and ("607"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 18:42
S97	793	(607/27-28.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 17:05
S98	312	"multi-site" with pacing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 17:23
S99	854	("bi-ventricular" or "biventricular") with (pacing or resynchronization)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 16:57
S10 0	692	cardiac with resynchronization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 16:57
S10 1	368	ventricular with resynchronization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 16:57

## EAST Search History

S10 2	237	atrial with resynchronization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 16:57
S10 3	90	(S98 or S99 or S100 or S101 or S102) and S97	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 17:06
S10 4	126390	S83 or S85	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 17:05
S10 5	154	(607/27-28.ccls.) and S104	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 17:05
S10 6	25	(S98 or S99 or S100 or S101 or S102) and S105	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 17:06
S10 7	141	"multi-site" with ventricular	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 17:24
S10 8	27	(S107 or S64) and ("closed loop" or "closed-loop" or "closedloop")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 17:30
S10 9	57	S65 and ("closed loop" or "closed-loop" or "closedloop")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 18:22
S11 0	13	("4543956"   "4554922"   "5205284"   "5720768"   "5800464"   "5871506"). PN. OR ("6292693").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/17 18:17
S11 1	11	("4554922"   "5083564"   "5284491"   "5514162"   "5626622"   "5755740"   "5792198"   "5800464"   "5807234"   "5871506"   "6292693").PN. OR ("6725093").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/17 18:20

## EAST Search History

S11 2	184	S78 and ("closed loop" or "closed-loop" or "closedloop")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 18:22
S11 3	25	S112 and ("607"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 18:44
S11 4	67610	(stop or halt or stopping or halting or pause or pausing or suspend or suspends or suspended or suspending or paused or halted or stopped or abort or aborting or aborts or aborted) with (resynchronization or therapy or stimuli or stimulus or pace or pacing or pulse or pulsing or stimulation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 20:24
S11 5	1734	S114 and ("607"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 18:42
S11 6	274	S114 and ("607"/9.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 18:42
S11 7	245	(S64 or S65 or S66 or S67 or S68) and S114	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 14:17
S11 8	221681	(stop or halt or stopping or halting or pause or pausing or suspend or suspends or suspended or suspending or paused or halted or stopped or abort or aborting or aborts or aborted) with (measure or sense or sensor or senses or sensing or measures or measuring or determine or determines or determining or derive or derives or deriving or assess or assessment or assessing or assesses)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 18:44

## EAST Search History

S11 9	19612	(stop or halt or stopping or halting or pause or pausing or suspend or suspends or suspended or suspending or paused or halted or stopped or abort or aborting or aborts or aborted) near (measure or sense or sensor or senses or sensing or measures or measuring or determine or determines or determining or derive or derives or deriving or assess or assessment or assessing or assesses)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 18:44
S12 0	130	S117 and (S118 or S119)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 19:12
S12 1	435	(607/14).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/17 19:13
S12 2	150	S83 and S121	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 19:18
S12 3	3186	S83 and S71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 19:17
S12 4	93	S71 and S121	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 19:26
S12 5	49	S122 and S124	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 19:18
S12 6	24	("3937226"   "4266551"   "4275737"   "4340062"   "4406286"   "4407288"   "4649931"   "4830006"   "4958632"   "5022395"   "5174289"   "5379776"   "5464432"   "5549641"   "5620468"   "5674251"   "5720295"   "5755736"   "5843141"   "5871511"   "5873896"). PN. OR ("6078837").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/17 19:21

## EAST Search History

S12 7	1	S121 and ("demand based" or "demand-based")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 19:24
S12 8	151	S121 and demand	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 20:24
S12 9	130	S121 and successful	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 19:27
S13 0	64	S129 and S83	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 19:38
S13 1	6	((("5846263") or ("5836971") or ("4830006"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/17 19:39
S13 2	59	(S64 or S65 or S66 or S67 or S68) and S121	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 20:07
S13 3	22	S121 and S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 20:18
S13 4	511	(607/27).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/17 20:18
S13 5	19	S134 and S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 20:18
S13 6	7982	(resynchronization or therapy or stimuli or stimulus or pace or pacing or pulse or pulsing or stimulation) with successful	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 20:24

## EAST Search History

S13 7	105	S121 and S136	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 20:24
S13 8	6	((("4830006") or ("4727380") or ("4587970"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/17 21:21
S13 9	33	"multi-site ventricular" or "multi site ventricular" or "multi-site-ventricular"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 21:32
S14 0	4764	ventricular with pacing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 21:28
S14 1	931	(S139 or S140) and "anti-tachycardia"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 21:30
S14 2	318	("multi-site" or "multi site") with pacing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 21:33
S14 3	470	"ventricular remodeling"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 21:33
S14 4	23	S142 and S143	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 21:49
S14 5	1129	("left ventricular" or "left-ventricular") with (pacing or stimulation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 21:50
S14 6	849	S145 and ("607"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 21:53

## EAST Search History

S14 7	1410	(stimulate or pace or pacing or stimulation or stimulating) with "left ventricle"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 22:20
S14 8	1042	S147 and ("607"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 21:54
S14 9	1224	S146 or S148	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 21:53
S15 0	1224	(S145 or S147) and ("607"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 21:54
S15 1	854	("bi-ventricular" or "biventricular") with (pacing or resynchronization)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 21:54
S15 2	491	S150 and S151	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 22:02
S15 3	7	S152 and "trans-thoracic impedance"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 22:07
S15 4	25	S152 and "transthoracic impedance"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 15:31
S15 5	6	"between successive chamber senses"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 22:09

## EAST Search History

S15 6	329	( "20020058877" "20020107552" "20020107553" "20020123768" "20020123769" "20020143369" "20020161410" "20020165586" "20030003052" "20030004549" "20030045909" "20030060857" "20030069609" "20030078623" "20030100924" "20030105493" "20030114889" "20030135126" "20030149450" "20030212440" "20040093035" "20040102908" "20040116820" "20040133247" "20040158295" "20040230241" "4114627" "4777960" "4791931" "4872459" "4880005" "4945909" "5014698" "5063927" "5111815" "5183040" "5190035" "5197467" "5199428" "5201808" "5203326" "5222493" "5243980" "5269301" "5271395" "5273034" "5291400" "5300093" "5303702" "5318592" "5318597" "5324310" "5330507" "5331966" "5341811" "5356425" "5360436" "5391190" "5411531" "5423870" "5431687" "5431693" "5437285" "5441524" "5443485" "5466245" "5480412" "5507784" "5507785" "5522854" "5531772" "5560370" "5562711" "5562712" "5571144" "5578061" "5601615" "5603331" "5626622" "5626624" "5645570" "5658318" "5682901" "5685316" "5690681" "5700282" "5700283" "5718720" "5722997" "5749900" "5755671" "5766225" "5782884" "5792194" "5817135" "5817136" "5824020" "5824029" "5842997" "5843136" "5861012" "5873898" "5891044" "5893882" "5916239" "5921940" "5935081" "5941831" "5978707" "5978710" "5987356" "6006134" "6021351" "6022322" "6026320" "6035233" "6042548" "6044294" "6058331" "6073048" "6076015" "6128535" "6134470" "6135970" "6144878" "6151524" "6161042" "6178349" "6181966" "6216032" "6224553" "6240314" "6246909" "6269263" "6272377" "6273856" "6292695" "6301499" "6317632" "6358201" "6370424" "6371922" "6390986" "6400982" "6421557" "6438421" "6449507" "6453201" "6459929" "6463326" "6470210" "6473644" "6480733" "6480742" "6487450" "6493585" "6511500" "6522914" "6522926" "6529772" "6532388" "6542774" "6564096" "6571121" "6571122" "6611713" "6622041" "6628987" "6647289" "6690971" "6824538" "6850801" "6856829") ) .PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 22:20
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## EAST Search History

S15 7	18	(S145 or S147) and S156	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 22:20
S15 8	13	("4543956"   "4554922"   "5205284"   "5720768"   "5800464"   "5871506"). PN. OR ("6292693").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/19 13:18
S15 9	2	("6424866").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/19 14:15
S16 0	145	("607"/\$.ccls.) and ((pace or pacer or pacing or paces) with sleep)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 14:44
S16 1	312	"multi-site" with pacing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 14:17
S16 2	854	("bi-ventricular" or "biventricular") with (pacing or resynchronization)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 14:17
S16 3	692	cardiac with resynchronization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 14:17
S16 4	368	ventricular with resynchronization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 14:17
S16 5	237	atrial with resynchronization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 14:17
S16 6	35	(S161 or S162 or S163 or S164 or S165) and S160	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 14:23

## EAST Search History

S16 7	0	("607"/\$.ccls.) and ((pace or pacer or pacing or paces) with "sleep-mode")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 14:20
S16 8	2	("607"/\$.ccls.) and "sleep-mode"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 14:23
S16 9	32	("4126139"   "4163451").PN. OR ("4390022").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/19 14:20
S17 0	0	(S161 or S162 or S163 or S164 or S165) and S169	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 15:32
S17 1	144	("607"/\$.ccls.) and "sleep mode"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 14:47
S17 2	2	(S161 or S162 or S163 or S164 or S165) and S171	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 14:23
S17 3	12	("4033357"   "4928688"   "5050601"   "5224475"   "5514161"   "5540727"   "5720768"   "5902324"   "6067470").PN. OR ("6370427").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/19 14:24
S17 4	1	("607"/\$.ccls.) and "graduated fencing"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 14:45
S17 5	1	"graduated fencing"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 14:45
S17 6	165	("607"/\$.ccls.) and graduated	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 14:45

## EAST Search History

S17 7	4	("607"/9.ccls.) and graduated	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 14:45
S17 8	61797	((measure or sense or sensor or senses or sensing or measures or measuring or determine or determines or determining or derive or derives or deriving or assess or assessment or assessing or assesses) with ("cardiac output" or "autonomic balance" or "heart rate variability" or "heart-rate variability" or "impedance"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 15:30
S17 9	50	S171 and S178	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 14:54
S18 0	2	("5183040").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/19 14:55
S18 1	4	((("2002161410") or ("6273856"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/19 14:56
S18 2	1	kramer-andrew.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 15:04
S18 3	2573	(measure or sense or sensor or senses or sensing or measures or measuring or determine or determines or determining or derive or derives or deriving or assess or assessment or assessing or assesses) with "cardiac output"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 15:31
S18 4	156	S183 and "transthoracic impedance"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 15:31
S18 5	15	S183 and "trans-thoracic impedance"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 15:31

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S18 6	394	(measure or sense or sensor or senses or sensing or measures or measuring or determine or determines or determining or derive or derives or deriving or assess or assessment or assessing or assesses) with "transthoracic impedance"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 15:31
S18 7	45	(measure or sense or sensor or senses or sensing or measures or measuring or determine or determines or determining or derive or derives or deriving or assess or assessment or assessing or assesses) with "trans-thoracic impedance"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 15:31
S18 8	146	S183 and (S186 or S187)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 15:31
S18 9	51	(S161 or S162 or S163 or S164 or S165) and S188	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 15:32
S19 0	14	(stop or halt or stopping or halting or pause or pausing or suspend or suspends or suspended or suspending or paused or halted or stopped) with "external programmer"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 15:52
S19 1	470	"ventricular remodeling"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 16:59
S19 2	23	S191 and ("pre-excited" or "pre-excite" or "pre-stimulate" or "pre-pulse" or "pre-stimulus")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/19 17:00
S19 3	8	((("multi-site" or multisite or "multi site") with (ventricle or ventricular)) same (preexcite or "pre-excite" or "pre excite"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 15:54
S19 4	2	("6965797").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/11 15:30

## EAST Search History

S19 5	82	( "20020002389"   "20020115081"   "20030023278"   "20030055461"   "20030105493"   "20030153952"   "20030171791"   "20030187482"   "20030208240"   "20030233132"   "20040030357"   "20040044374"   "20040049236"   "20040073093"   "20040098057"   "20040127792"   "20050065568"   "4354497"   "4549548"   "4554922"   "4628934"   "4674518"   "4686987"   "4872459"   "4880005"   "4928688"   "5014698"   "5058605"   "5109842"   "5137019"   "5156149"   "5158079"   "5174289"   "5190035"   "5233985"   "5267560"   "5284136"   "5334222"   "5370665"   "5391190"   "5417717"   "5487752"   "5514161"   "5534016"   "5584867"   "5584868"   "5674259"   "5683429"   "5792203"   "5797970"   "5824019"   "5836974"   "5851226"   "5935160"   "5995871"   "6022322"   "6038483"   "6058328"   "6058329"   "6066094"   "6112117"   "6151524"   "6152955"   "6161042"   "6223082"   "6253107"   "6272377"   "6273377"   "6278894"   "6285898"   "6292694"   "6361522"   "6363279"   "6370424"   "6418343"   "6427084"   "6453191"   "6542775"   "6574506"   "6628988"   "6640135"   "6684103").PN. OR ("6965797"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 15:30
S19 6	3	S195 and S193	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 15:31
S19 7	71	(prevent\$4 or revers\$4) with "ventricular remodeling"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 15:45
S19 8	13	((("multi-site" or multisite or "multi site") with (ventricle or ventricular)) and S197	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 15:59
S19 9	13	S197 and (preexcite or "pre-excite" or "pre excite")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 15:52

## EAST Search History

S20 0	32	("20020082647"   "4354497"   "4549548"   "4554922"   "4628934"   "4674518"   "4928688"   "5058605"   "5156149"   "5174289"   "5233985"   "5267560"   "5370665"   "5514161"   "5584867"   "5674259"   "5792203"   "5797970"   "5935160"   "5995870"   "5995871"   "6223082"   "6314322"   "6363279"   "6556872").PN. OR ("6628988").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 15:42
S20 1	6	(S195 or S200) and S197	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 15:42
S20 2	1489	(prevent\$4 or revers\$4) with "remodeling"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 17:05
S20 3	46	((("multi-site" or multisite or "multi site") with (ventricle or ventricular)) and S202	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 16:36
S20 4	60	("multi-site" or multisite or "multi site") and S202	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 15:51
S20 5	14	S204 not S203	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 15:45
S20 6	14	S202 and "cardiac pacemakers".as.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 15:51
S20 7	1475	S202 not "cardiac pacemakers".as.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 15:51
S20 8	49	("multi-site" or multisite or "multi site") and S207	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 15:51
S20 9	25	S202 and (preexcite or "pre-excite" or "pre excite")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 16:00

## EAST Search History

S21 0	35	((("multi-site" or multisite or "multi site") with (ventricle or ventricular))and (preexcite or "pre-excite" or "pre excite"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 16:22
S21 1	13	("multi-site" or multisite or "multi site") and S197	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 16:00
S21 2	1	"bi-ventricular" and S197	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 16:00
S21 3	39	("biventricular" or "bi-ventricular" or "bi ventricular") and (preexcite or "pre-excite" or "pre excite")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 16:01
S21 4	21	("biventricular" or "bi-ventricular" or "bi ventricular") and S197	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 16:02
S21 5	35	((("multi-site" or multisite or "multi site") with (ventricle or ventricular)) and (preexcite or "pre-excite" or "pre excite"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 16:29
S21 6	21	(preexcite or "pre-excite" or "pre excite") with (ischemia or ischemic or infarct or stress)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 16:28
S21 7	130	((("multi-site" or multisite or "multi site") with (ventricle or ventricular)) and (ischemia or ischemic or infarct or stress)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 17:04
S21 8	1220	("multi-site" or multisite or "multi site" or "biventricular" or "bi-ventricular" or "bi ventricular") and (ischemia or ischemic or infarct or stress)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 16:30
S21 9	106	("multi-site" or multisite or "multi site" or "biventricular" or "bi-ventricular" or "bi ventricular") same (ischem\$ or infarction or infarct)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 16:37

## EAST Search History

S22 0	275	((("multi-site" or multisite or "multi site") with (ventricle or ventricular))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 16:36
S22 1	130	S220 and (ischem\$ or infarction or infarct)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/11 16:37
S22 2	2	("20050261741").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/11 17:04
S22 3	160	("607"/\$.ccls.) and S202	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 17:09
S22 4	10	("607"/\$.ccls.) and (redistribute with stress)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 17:10
S22 5	44	("607"/\$.ccls.) and hypertrophied	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 17:29
S22 6	817	("607"/\$.ccls.) and ("biventricular" or "bi-ventricular" or "bi ventricular")	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 18:01
S22 7	0	S226 and (seperated with delay)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 17:30
S22 8	0	S226 and seperated	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 17:30
S22 9	629	S226 and delay	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 17:30
S23 0	766	S226 and first	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 17:30
S23 1	573	("607"/\$.ccls.) and CRT	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 17:45
S23 2	155	S226 and S231	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 17:31
S23 3	689	("607"/\$.ccls.) and resynchronization	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 17:45



## EAST Search History

S23 4	401	S226 and S233	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 17:46
S23 5	373	S234 and first	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 17:55
S23 6	138	S234 and "conduction delay"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 17:46
S23 7	133	S235 and S236	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 17:55
S23 8	249	S234 and (first with (chamber or RV or LV or "right" or "left"))	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 17:56
S23 9	191	S226 and sequential	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 18:01
S24 0	28	("3937226"   "4088140"   "4332259"   "4354497"   "4373531"   "4406286"   "4458677"   "4548203"   "4928688"   "5174289"   "5267560"   "5350410"   "5387228"   "5514161"   "5540727"   "5584867"   "5674259"   "5720768"   "5728140"   "5735880"   "5741309"   "5782880"   "5792203"   "5797970"   "5902324"   "5941903").PN. OR ("6324425").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 18:05
S24 1	101	("3211154"   "3605754"   "3895639"   "3937226"   "4023574"   "4030509"   "4088140").PN. OR ("4548203"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 18:05
S24 2	77	("3937226"   "4088140"   "4354497"   "4549548"   "4817605"   "4858610"   "5027815"   "5165403"   "5273035"   "5282837"   "5314430"   "5403356"   "5423772"   "5514161"   "5571143"   "5584867").PN. OR ("5720768"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 18:07